Application No. 10/739,431

Application No. 10/739,431

Applicant(s): LYLE V. LEHMAN

Docket Number HES 2003-IP-009560U1

Applicant(s): LYLE V. LEHMAN

Filing Date December 18, 2003

U.S. PATENT DOCUMENTS

			DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
D.	ď	1.	3,066,735	12/04/62	Zingg	166	55	05/25/60
L	1	2.	6,006,838	12/28/99	Whiteley, et al.	166	306	10/12/98
L	Ŀ	3.	4,893,678	01/16/90	Stokley, et al.	166	374	12/30/88
L	1	4.	3,193,012	07/06/65	Huitt, et al.	166	35	05/29/61
L	<u>Æ</u>	5.	6,065,541	05/23/00	Allen	166	318	03/13/98
L		6.	3,912,173	10/14/75	Robichaux	239	443	04/25/74
							<u> </u>	
_								
	\downarrow							
	\perp							

FOREIGN PATENT DOCUMENTS

			DOCUMENT NO.	DATE COUNTRY	CLASS	SUBCLASS	TRANSLATION		
1	\mathcal{L}		50002	J	OCCUPATION	OEAGO	OUDULAGG	YES	NO
M		7.	EP 0 851 094 B1	12/18/97	EUROPEAN	E21B	43/26	x	
4									

NON-PATENT DOCUMENTS

		DOCUMENT (Including Author, Title, Source, and Pertinent Pages)	DATE
	8.	Foreign Search Report and Opinion (PCT Appl. No. GB2004/004726)	09/11/2004
_			

EXAMINER DATE CONSIDERED
9/26/65

EXAMINER: Initial if pitation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

PTO/SB/08A (08-03)

Approved for use through 07/31/2008. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Subs	titute for form 1449/PTO		Col	mplete if Known
			Application Number	
IAI	EODMATION	DISCLOSURE	Filing Date	
			First Named Inventor	Lyle V. Lehman
S		Y APPLICANT	Art Unit	
	(Use as many shee	ts as necessary)	Examiner Name	
Sheet	1	of 2	Attorney Docket Number	HES 2003-IP-009560

Examiner	Cite No.	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
nitials*	No.	Number-Kind Code ² (F known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
(MM)	1	^{US-} 5,226,445	07-13-1993	Surjaatmadja	
7	2	^{US-} 5,361,856	11-08-1994	Surjaatmadja, et al	
	3	^{US-} 5,499,678	03-19-1996	Surjaatmadja, et al	
V	4	^{US-} 5,765,642	06-16-1998	Surjaatmadja	
		US-			
·		US-			
		US-	 		

		FOREI	GN PATENT DOCU	MENTS		
Examiner Initials*	Cite No.1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages	
		Country Code ³ Number ⁴ Kind Code ⁴ (if known)	MM-DD-YYYY		Or Relevant Figures Appear	T°
	Ļ					

Exeminer Signature	Lugh Dy	Date Considered	9/28/05

EXAMINER: Initial if reference considered, whether of not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with first communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.usrfio.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Mind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450.

To: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/08B (08-03) Approved for use through 07/31/2008. OMB 0851-0031
U.S. Patent and Tradamark Office; U.S. DEPARTMENT OF COMMERCE

	te for form 1449/PTO	ocular A	a ur 1955, no persons ar	e required to respond to a collection of information unless it contains a valid OMB control number Complete if Known			
3003010				Applicati n Number	T		
INF	ORMATION	DIS	CLOSURE	Filing Date			
STA	TEMENT E	BY A	PPLICANT	First Named Inventor	Lyle V. Lehman		
		.4		Art Unit			
	(Use as many she	ets as n	ecessary)	Examiner Name			
Sheet	2	of	2	Attorney Docket Number	HES 2003-IP-009560		

Examiner	Cite	NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of	ſ
initials*	No.1	the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Τ ²
NN	5	SPE 78697, "Evolving New Stimulation Process Proves Highly Effective in Level 1 Dual-Lateral Completion," by B. W. McDaniel, J. Surjaatmadja, L. Lockwood and R. Sutherland	
NM)	6	SPE 77825, "Overview of Stimulation Technology for Horizontal Completions without Cemented Casing in the Lateral," by B. McDaniel, L. East and V. Hazzard	
		·	
		·	
			

Examiner	100	Date	0/ 1/2-
Signature	Mondy	Considered	4/26/05

'EXAMINER: Initial if reference considered whether or not citation is in-conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1,98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1,14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:

Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.